

Table 70. Summary Statistics for Natural Gas — Michigan, 1992-1996

	1992	1993	1994	1995	1996
Reserves (billion cubic feet)					
Estimated Proved Reserves (dry)					
as of December 31	1.223	1.160	1.323	1.294	2.061
ac c. 2000	.,==0	1,100	.,020	.,20.	2,00.
Number of Gas and Gas Condensate Wells					
Producing at End of Year	3,257	5,500	6,000	5,258	5,826
Production (million cubic feet)					
Gross Withdrawals	400.00=		100.000		224 422
From Gas Wells	120,287	126,179	136,989	146,320	201,123
From Oil Wells	80,192	84,119	91,332	97,547	50,281
Total	200 470	240 200	220 224	040.067	254 404
Total	200,479	210,299	228,321	243,867	251,404
Repressuring	2.340	2.340	2.340	2,340	2.340
Nonhydrocarbon Gases Removed	NA NA	NA NA	NA	NA	NA NA
Wet After Lease Separation	198,139	207.959	225,981	241,527	249,064
Vented and Flared	3.324	3,324	3.324	3.324	3,324
Marketed Production	194,815	204,635	222.657	238,203	245.740
Extraction Loss	8,093	7,012	6,371	6,328	6,399
EXITACTION LOSS	0,093	7,012	0,371	0,320	0,399
Total Dry Production	186,722	197,623	216,286	231,875	239,341
Supply (million cubic feet)					
Dry Production	186.722	197,623	216,286	231,875	239,341
Receipts at State Borders	100,722	137,023	210,200	201,070	200,041
Imports	38,568	34,874	17,320	26,475	29,043
Intransit Receipts	00,000	0 1,57 1	0	20,110	20,010
Interstate Receipts	1.135.780	1.042.778	1.495.917	1.355.745	1.516.628
Withdrawals from Storage	1,100,100	1,012,770	1, 100,017	1,000,7 10	1,010,020
Underground Storage	392,716	437,280	389,224	494,531	471,467
LNG Storage	0	437,200	0	0	0
Supplemental Gas Supplies	14.694	12.795	13.688	21.378	21.848
Balancing Item	58,803	32,932	-214,223	-66.012	-33,618
Dalanding item	50,005	32,932	-214,223	-00,012	-33,010
Total Supply	1,827,283	1,758,282	1,918,212	2,063,992	2,244,709

See footnotes at end of table.

Table 70. Summary Statistics for Natural Gas — Michigan, 1992-1996 (Continued)

Disposition (million cubic feet)   Consumption	913,033 44,413 324,093 431 476,312 0 1,758,282 4,889 23,874 3,282 369,801 180,230 312,050 10 18,898 880,988 913,033	926,023  49,470 472,499 0  470,220 0  1,918,212  6,399 22,521 3,367  364,588 183,068 327,848 14 18,218  893,735 926,023	970,851  26,948 492,481 196,589  377,121 0  2,063,992  6,198 24,851 3,337  380,025 194,078 326,551 27 35,784 936,466	1,014,947  50,363 536,333 139,929  503,138 0  2,244,709  5,478 25,903 3,011 399,522 201,390 347,043
Deliveries at State Borders	44,413 324,093 431 476,312 0 1,758,282 4,889 23,874 3,282 369,801 180,230 312,050 10 18,898 880,988	49,470 472,499 0 470,220 0 1,918,212 6,399 22,521 3,367 364,588 183,068 327,848 14 18,218	26,948 492,481 196,589 377,121 0 2,063,992 6,198 24,851 3,337 380,025 194,078 326,551 27 35,784	50,363 536,333 139,929 503,138 0 2,244,709 5,478 25,903 3,011 399,522 201,390 347,043 40
Exports	324,093 431 476,312 0 1,758,282 4,889 23,874 3,282 369,801 180,230 312,050 10 18,898 880,988	472,499 0 470,220 0 1,918,212 6,399 22,521 3,367 364,588 183,068 327,848 14 18,218	492,481 196,589 377,121 0 2,063,992 6,198 24,851 3,337 380,025 194,078 326,551 27 35,784	536,333 139,929 503,138 0 2,244,709 5,478 25,903 3,011 399,522 201,390 347,043 40
Intransit Deliveries	324,093 431 476,312 0 1,758,282 4,889 23,874 3,282 369,801 180,230 312,050 10 18,898 880,988	472,499 0 470,220 0 1,918,212 6,399 22,521 3,367 364,588 183,068 327,848 14 18,218	492,481 196,589 377,121 0 2,063,992 6,198 24,851 3,337 380,025 194,078 326,551 27 35,784	536,333 139,929 503,138 0 2,244,709 5,478 25,903 3,011 399,522 201,390 347,043 40
Interstate Deliveries	431 476,312 0 1,758,282 4,889 23,874 3,282 369,801 180,230 312,050 10 18,898 880,988	0 470,220 0 1,918,212 6,399 22,521 3,367 364,588 183,068 327,848 14 18,218	196,589 377,121 0 2,063,992 6,198 24,851 3,337 380,025 194,078 326,551 27 35,784	139,929 503,138 0 2,244,709 5,478 25,903 3,011 399,522 201,390 347,043 40
Additions to Storage Underground Storage	476,312 0 1,758,282 4,889 23,874 3,282 369,801 180,230 312,050 10 18,898 880,988	470,220 0 1,918,212 6,399 22,521 3,367 364,588 183,068 327,848 14 18,218	377,121 0 2,063,992 6,198 24,851 3,337 380,025 194,078 326,551 27 35,784	503,138 0 2,244,709 5,478 25,903 3,011 399,522 201,390 347,043 40
Underground Storage	0 1,758,282 4,889 23,874 3,282 369,801 180,230 312,050 10 18,898 880,988	0 1,918,212 6,399 22,521 3,367 364,588 183,068 327,848 14 18,218	0 2,063,992 6,198 24,851 3,337 380,025 194,078 326,551 27 35,784	0 2,244,709 5,478 25,903 3,011 399,522 201,390 347,043 40
LNG Storage	0 1,758,282 4,889 23,874 3,282 369,801 180,230 312,050 10 18,898 880,988	0 1,918,212 6,399 22,521 3,367 364,588 183,068 327,848 14 18,218	0 2,063,992 6,198 24,851 3,337 380,025 194,078 326,551 27 35,784	0 2,244,709 5,478 25,903 3,011 399,522 201,390 347,043 40
Consumption (million cubic feet)   Lease Fuel	4,889 23,874 3,282 369,801 180,230 312,050 10 18,898 880,988	6,399 22,521 3,367 364,588 183,068 327,848 14 18,218	6,198 24,851 3,337 380,025 194,078 326,551 27 35,784	5,478 25,903 3,011 399,522 201,390 347,043 40
Lease Fuel	23,874 3,282 369,801 180,230 312,050 10 18,898 880,988	22,521 3,367 364,588 183,068 327,848 14 18,218	24,851 3,337 380,025 194,078 326,551 27 35,784	25,903 3,011 399,522 201,390 347,043 40
Pipeline Fuel	23,874 3,282 369,801 180,230 312,050 10 18,898 880,988	22,521 3,367 364,588 183,068 327,848 14 18,218	24,851 3,337 380,025 194,078 326,551 27 35,784	25,903 3,011 399,522 201,390 347,043 40
Plant Fuel.         3,096           Delivered to Consumers         358,088           Residential         358,088           Commercial.         173,802           Industrial         305,416           Vehicle Fuel.         4           Electric Utilities         24,908           Total Delivered to Consumers         862,217           Total Consumption.         891,181           Delivered for the Account of Others         (million cubic feet)           Residential         4,121           Commercial.         54,248           Industrial         277,506           Electric Utilities         19,162           Firm Deliveries           (million cubic feet)         NA           Residential         NA           NA Commercial.         NA           Industrial         NA           Interruptible Deliveries         (million cubic feet)           Residential         NA           NA Commercial.         NA           Industrial         NA           NA Vehicle Fuel.         NA           NA Vehicle Fuel.         NA           NA Vehicle Fuel.         NA           NA Vehicle Fuel.         NA      <	3,282 369,801 180,230 312,050 10 18,898 880,988	3,367 364,588 183,068 327,848 14 18,218	3,337 380,025 194,078 326,551 27 35,784	3,011 399,522 201,390 347,043 40
Delivered to Consumers	369,801 180,230 312,050 10 18,898 880,988	364,588 183,068 327,848 14 18,218	380,025 194,078 326,551 27 35,784	399,522 201,390 347,043 40
Residential	180,230 312,050 10 18,898 880,988	183,068 327,848 14 18,218 893,735	194,078 326,551 27 35,784	201,390 347,043 40
Commercial	180,230 312,050 10 18,898 880,988	183,068 327,848 14 18,218 893,735	194,078 326,551 27 35,784	201,390 347,043 40
Industrial	312,050 10 18,898 880,988	327,848 14 18,218 893,735	326,551 27 35,784	347,043 40
Vehicle Fuel.         4           Electric Utilities         24,908           Total Delivered to Consumers         862,217           Total Consumption.         891,181           Delivered for the Account of Others (million cubic feet)         4,121           Residential         4,121           Commercial.         54,248           Industrial         277,506           Electric Utilities         19,162           Firm Deliveries         (million cubic feet)           Residential         NA           Commercial.         NA           Industrial         NA           Interruptible Deliveries         (million cubic feet)           Residential         NA           Vehicle Fuel         NA           Industrial         NA           Na         Na           Na         Na           Vehicle Fuel         NA           Na         Na           Na         Na           Na         Na           Na         Na           Industrial         2,640,579           Commercial.         201,561           Industrial         11,460           Average Annual Consumption per Consumer (thousand cubic fe	10 18,898 880,988	14 18,218 893,735	27 35,784	40
Electric Utilities	18,898 880,988	18,218 893,735	35,784	
Total Delivered to Consumers   862,217	880,988	893,735		32,559
Total Consumption	,	,	930,400	
Delivered for the Account of Others	913,033	926,023		980,555
(million cubic feet)         4,121           Residential         54,248           Industrial         277,506           Electric Utilities         19,162           Firm Deliveries           (million cubic feet)         NA           Residential         NA           Commercial         NA           Industrial         NA           Electric Utilities         NA           Vehicle Fuel         NA           Interruptible Deliveries         (million cubic feet)           Residential         NA           Commercial         NA           Industrial         NA           Vehicle Fuel         NA           Number of Consumers         2,640,579           Residential         201,561           Industrial         11,460           Average Annual Consumption per Consumer         (thousand cubic feet)           Residential         136           Commercial         862           Industrial         26,651           Average Prices for Natural Gas         (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60			970,851	1,014,947
Residential         4,121           Commercial         54,248           Industrial         277,506           Electric Utilities         19,162           Firm Deliveries           (million cubic feet)         NA           Residential         NA           Lomercial         NA           Industrial         NA           Electric Utilities         NA           Vehicle Fuel         NA           Interruptible Deliveries         (million cubic feet)           Residential         NA           Commercial         NA           Industrial         NA           Vehicle Fuel         NA           Number of Consumers         Residential           Residential         2,640,579           Commercial         201,561           Industrial         11,460           Average Annual Consumption per Consumer         (thousand cubic feet)           Residential         26,651           Average Prices for Natural Gas         (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60				
Commercial	A 283	4,245	4,184	4,309
Industrial	4,283 56,547	4,245 62,825	4,184 65,266	4,309 66.621
Electric Utilities	283,775	292,945	296,745	315,568
(million cubic feet)         NA           Residential         NA           Commercial         NA           Industrial         NA           Electric Utilities         NA           Vehicle Fuel         NA           Interruptible Deliveries         (million cubic feet)           Residential         NA           Commercial         NA           Industrial         NA           Vehicle Fuel         NA           Number of Consumers         Residential           Residential         201,561           Industrial         11,460           Average Annual Consumption per Consumer         (thousand cubic feet)           Residential         136           Commercial         862           Industrial         26,651           Average Prices for Natural Gas         (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60	16,324	17,820	28,369	26,067
(million cubic feet)         NA           Residential         NA           Commercial         NA           Industrial         NA           Electric Utilities         NA           Vehicle Fuel         NA           Interruptible Deliveries         (million cubic feet)           Residential         NA           Commercial         NA           Industrial         NA           Vehicle Fuel         NA           Number of Consumers         Residential           Residential         201,561           Industrial         11,460           Average Annual Consumption per Consumer         (thousand cubic feet)           Residential         136           Commercial         862           Industrial         26,651           Average Prices for Natural Gas         (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60	•	•	,	•
Residential         NA           Commercial         NA           Industrial         NA           Electric Utilities         NA           Vehicle Fuel         NA           Interruptible Deliveries         (million cubic feet)           Residential         NA           Commercial         NA           Industrial         NA           Vehicle Fuel         NA           Number of Consumers         Residential           Residential         201,561           Industrial         11,460           Average Annual Consumption per Consumer (thousand cubic feet)           Residential         136           Commercial         862           Industrial         26,651           Average Prices for Natural Gas (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60				
Commercial	369,801	364,588	380.025	399.522
Industrial	179,323	182,234	193,170	200,521
Vehicle Fuel         NA           Interruptible Deliveries (million cubic feet)         NA           Residential         NA           Commercial         NA           Industrial         NA           Electric Utilities         NA           Vehicle Fuel         NA           Number of Consumers         Residential           Residential         2,640,579           Commercial         201,561           Industrial         11,460           Average Annual Consumption per Consumer (thousand cubic feet)         862           Industrial         136           Commercial         862           Industrial         26,651           Average Prices for Natural Gas (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60	284,928	294,701	311,742	335,074
Interruptible Deliveries	16,621	18,019	28,494	26,385
(million cubic feet)         NA           Residential         NA           Commercial         NA           Industrial         NA           Electric Utilities         NA           Vehicle Fuel         NA           Number of Consumers         Residential           Residential         201,561           Industrial         11,460           Average Annual Consumption per Consumer (thousand cubic feet)           Residential         136           Commercial         862           Industrial         26,651           Average Prices for Natural Gas (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60	10	14	27	40
Residential         NA           Commercial         NA           Industrial         NA           Electric Utilities         NA           Vehicle Fuel         NA           Number of Consumers         Residential         2,640,579           Commercial         201,561           Industrial         11,460           Average Annual Consumption per Consumer (thousand cubic feet)         862           Residential         136           Commercial         862           Industrial         26,651           Average Prices for Natural Gas (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60				
Commercial				
Industrial	NA	0	0	0
Electric Utilities	907	834	908	870
Vehicle Fuel         NA           Number of Consumers         2,640,579           Residential         201,561           Industrial         11,460           Average Annual Consumption per Consumer (thousand cubic feet)         136           Residential         862           Industrial         26,651           Average Prices for Natural Gas (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60	27,122	33,148	14,809	11,969
Number of Consumers         2,640,579           Residential         201,561           Industrial         11,460           Average Annual Consumption per Consumer (thousand cubic feet)         136           Residential         136           Commercial         862           Industrial         26,651           Average Prices for Natural Gas (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60	100	199	476	66
Residential         2,640,579           Commercial         201,561           Industrial         11,460           Average Annual Consumption per Consumer (thousand cubic feet)         3           Residential         136           Commercial         862           Industrial         26,651           Average Prices for Natural Gas (dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60	0	0	0	0
Commercial	2 677 005	0 747 000	0.767.400	2 042 072
Industrial	2,677,085	2,717,683 207,629	2,767,190	2,812,876 214,843
Average Annual Consumption per Consumer (thousand cubic feet)  Residential	204,453 11,425	207,629 11,308	211,817 11,454	214,843 11,848
(thousand cubic feet)         Residential       136         Commercial       862         Industrial       26,651         Average Prices for Natural Gas         (dollars per thousand cubic feet)         Wellhead (Marketed Production)       2.71         Imports       1.60	,	.,	,	-,
Residential       136         Commercial       862         Industrial       26,651         Average Prices for Natural Gas (dollars per thousand cubic feet)         Wellhead (Marketed Production)       2.71         Imports       1.60				
Commercial		134	137	142
Industrial	138	882	916	937
(dollars per thousand cubic feet)           Wellhead (Marketed Production)         2.71           Imports         1.60	138 882	28,993	28,510	29,291
Wellhead (Marketed Production)         2.71           Imports         1.60	138 882 27,313			
Imports 1.60	882			
	882 27,313	1.96	1.67	2.21
EVNOTE 183	882 27,313 2.38	2.16	1.90	2.89
	882 27,313 2.38 2.02		1.97	2.66
Pipeline Fuel	882 27,313 2.38 2.02 2.14	2.49	0.54	1.04
City Gate	882 27,313 2.38 2.02 2.14 0.26	0.20	2.61	2.90
Delivered to Consumers	882 27,313 2.38 2.02 2.14		4 70	4.00
Residential	882 27,313 2.38 2.02 2.14 0.26 2.89	0.20 2.70	4.72	4.96
Commercial 4.65	882 27,313 2.38 2.02 2.14 0.26 2.89 5.04	0.20 2.70 4.98	4.46	4.75
Industrial	882 27,313 2.38 2.02 2.14 0.26 2.89 5.04 4.66	0.20 2.70 4.98 4.68	2.60	3.87
Vehicle Fuel         0.99           Electric Utilities         0.81	882 27,313 2.38 2.02 2.14 0.26 2.89 5.04 4.66 3.91	0.20 2.70 4.98 4.68 3.93	3.62	3.38 0.74
LICOLIO CUIILIES	882 27,313 2.38 2.02 2.14 0.26 2.89 5.04 4.66	0.20 2.70 4.98 4.68	3.62 3.08 0.73	

NA = Not available.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use. Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-7816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form EIA-627, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.